

SRI SANKARA ARTS & SCIENCE COLLEGE

ENATHUR, KANCHIPURAM

STAFF PROFILE

DEPARTMENT OF BIOTECHNOLOGY

1.	Name of the Staff	Dr.V.Guruchandran
2.	Designation	Assistant Professor
3.	Date of Joining	03.06.2011
4.	Mobile Number	9786868037
5.	E-Mail ID	guru.nmc@gmail.com guruchandran@sankaracollege.edu.in
6.	Nationality	Indian
7.	Academic Qualification	M.Sc.,M.Phil.,Ph.D
8.	Field of Specialization	Plant Biotechnology
9.	Ph.D Thesis Title	<i>In vitro</i> organogenesis and genetic diversity studies of <i>Stevia rebaudiana</i> Bert.
	Awarding University, Year of Award.	Bharathidashan University 2014

10. Work Experience (in chronological order):

S.No.	Name of the Institution	Designation	Period
1	A.V.C College (Autonomous) Mayiladuthurai	HOD	Sep 2004 to June 2009
2	N.M.C (Autonomous) Trichy	Assistant Professor	July 2009 to May 2011
3	Sri Sankara Arts and Science College (Autonomous), Kanchipuram	Assistant professor	June 2011 to Till date

11. Other Academic and Administrative Responsibilities:

S.No.	Name of the Institution/Committee	Position	Period
1	A.V.C. College Board of studies in Biotechnology	Chairman	2005-2007
2	Sri Sankara Arts and Science College/Attendance committee	Member	2012-2013
3	Sri Sankara Arts and Science College/Placement committee	Member	2013-2014
4	Sri Sankara Arts and Science College/Library committee	Member	2014 -2017
5	Sri Sankara Arts and Science College/ Board of studies	Member	2015- Till date
6	Sri Sankara Arts and Science College/Academic Council	Member	2015- Till date
7	Sri Sankara Arts and Science College/ Academic audit committee	Member	2018 - Till date
8	Sri Sankara Arts and Science College/ N List	College Administrator	2017-Till date

12. Publications:

Harikumar, S., Veerasamy, G. & Mukkalil, R. (2025). Harnessing Bacillus Probiotics: An Approach for Vibrio Pathogen Control and Organic Sludge Management in Shrimp Aquaculture. *Aquaculture Research*, Volume 2025, Article ID 2767593, <https://doi.org/10.1155/are/2767593> **Impact factor - 1.9**

Kuppuswamy Kavitha, Selvaraj Bharathi, Arumugam Rajalakshmi, Manickam Ramesh, Perumal Padmini, Gopal Suresh, **Veerasamy Guruchandran**, Mani Prakash, Rengarajulu Puvanakrishnan, and Balasubramanian Ramesh 2023 Selenium nanoparticles stabilized by fungal chitosan with antibacterial activity – synthesis and characterization. *Particulate Science and Technology*. **Impact factor - 2.5**

V.Guruchandran and B.Ramesh.2020.Effect of Copper Sulphate on In Vitro shoot regeneration from Shoot tip Explant of *Stevia rebaudiana* Bert. *Plant Archives* Vol. 20 Supplement 1, pp. 702-704.

S. Balamurugan, B.Ramesh, K.Kavitha and **V. Guruchandran**. Design of Novel Microbial Fuel cell and Effect of humic acid on bioelectricity generation.2018. *Asian Jr. of Microbiol. Biotech. Env .Si.* Vol 20, dec. Suppl. No.2, page no.(257-259).

Guruchandran, V. I.Priya and Sasikumar, C. Cellulase production by *Trichoderma reesi* fermented in sawdust and bagasse.2010 *Asian Jr. of Microbiol. Biotech. Env .Si.* Vol. 12 No (4): 845-847.

Guruchandran, V. Sasikumar, C and S.Sriram. Effect of nitrogen and phosphate on the amylase activity of *Aspergillus niger* isolated from citrus peel.2010 *Asian Jr. of Microbiol. Biotech. Env .Si.* Vol. 12 No (4): 935-936 .

M. Varadharajan, **V. Guruchandran**, S.M. Nagarajan, E. Nagarajan, S. Deepa, M. Sundaravalli and H. Chandra Banu. 2007. Response of nodal segments from *solanum trilobatum* L. cultured in vitro in Biopreserver- First report. *Asian Jr. of Microbiol. Biotech. Env .Si.* Vol. 9 No (1): 71-74.

V. Guruchandran, M. Varadarajan, S.M. Nagarajan, C. Sudha, R. Vidhya, R. Saranya, H.N. Aysha Farvin, G. Rajeswari and S.Surya. 2007. In vitro plantlet regeneration of cucumber (*Cucumis sativus* L) using Biopreserver (Pyramid) *Asian Jr. of Microbiol. Biotech. Env .Si.* Vol. 9 No (3): 641-643.

M. Varadharajan, **V. Guruchandran**, S.M. Nagarajan, E. Nagarajan, T. Nataraj, G. Vignesh, and R. Ramesh. 2006. Screening for the evaluation of antibacterial activity of *Jatropha curcas* L. *Plant Archives*. Vol 6 No. (2): 593-595.

M.Varadharajan,**V.Guruchandran**,S.M.Nagarajan,E.Natarajan,R.T.Jayakumar,B.Nirmalkumar,P.Ganesan,M.Somasundaram 2006 ‘In vitro multiple shooting from the nodal explants of *Boerhaavia diffusa* L.using Biopreserver- first report’ *Plant Archives* Vol. 6 No 2, 2006 pp.491-493.

13. Awards / Distinction :

S.No.	Name of the Award	Venue	Period
1	Gold Medal University rank one M.Sc. Biotechnology	Periyar University	2004

14. Membership in Professional Bodies:

S.No.	Name of the Membership	Venue	Period
1	Subject Expert	Board of studies in Biochemistry, A.D.M College (Autonomous) for women, Nagapattinam.	2005-2007
2	Member in UG Evaluation Board.	Madras University	2011 - 2021
3	Member in PG Evaluation Board.	Madras University	2019-Tilldate
4	Member	M.Sc., Biotechnology, Board of Studies, University of Madras.	2022-2025

15. Seminars Conferences organized /Presentation/Participation:

S.No.	Program Attended	Place/Organised by	Organized/ Participated	Period
1	FDP on "Role of Artificial Intelligence in Biosciences"	Department of Biotechnology and Department of Bioinformatics, Stella Maris College (Autonomous), Chennai - 86	Participated	4 th – 8 th August, 2025
2	3 rd International Conference on “Unraveling Therapeutic Resources from Nature's Treasure”	Department of Biosciences, Mohamed Sathak College of Arts and Science, Sholinganallur, Chennai.	Participated and Paper Presented	13 th – 14 th August, 2025
3	National Conference on Bioprospecting of Natural Resources for the Betterment of Society (BNRBS'25)	PG Department of Microbiology, Bharathidasan College of Arts and Science (Autonomous), Erode.	Participated and Paper Presented	8 th August, 2025
4	National Conference on Biotechnological Advances in Biomedical, Environmental and Agricultural Technology (BEAT 2025)	Department of Biotechnology, Hindustan College of Arts & Science, Kelambakkam, Chennai	Participated and Paper Presented	12 th February, 2025
5	4 th International Conference on Advances in Biotechnology- “Microbial Innovations for a Sustainable Future” 2025 (ICAB-MISF' 25)	Post Graduate Department of Biotechnology, Dwaraka Doss Goverdhan Doss Vaishnav College (Autonomous), Chennai	Participated and Paper Presented	3 rd - 4 th February, 2025
6	International Conference on Interdisciplinary Approaches in Biological Science for Innovation Research (ICIBIR-2024)	PG & Research Department of Microbiology and Department of Biotechnology, Shrimati Indira Gandhi College, Tiruchirappalli	Participated and Paper Presented	27 th September, 2024
7	International Conference on Current Trends in Biotechnology	Department of Biotechnology, Stella Maris College, Chennai	Participated and Paper Presented	11 th - 12 th September, 2024

8	National conference on Biotechnological advances in Biomedical, Environmental and Agricultural technology	Hindustan College of Arts and Science, Chennai	Presented paper	13.02.2024
9	International conference on molecular basis of cancer and prevention	PRIST, Thanjavur	Presented paper	7.02.2024 - 8.02.2024
10	National conference on Revolutionary applications of Nutraceuticals and functional foods as next generation metabolites	SRM Institute of Agricultural Sciences, Chengalpattu	Presented paper	7.10.2023 - 8.10.2023
11	International conference on unraveling therapeutic resources from Nature's Treasure	Mohammed Sathak College, Chennai	Presented paper	21.10.2023
12	National Science Academies' Lecture Workshop in "Biotechnology – Principles and Practice"	Sri Sankara Arts & Science College, (Autonomous)	Organised	10.08.22 - 11.05.22
13	Faculty development programme on "Directions and Dimensions of Accreditation Criteria in the light of NEP for HEIs"	The Electronics and ICT Academy at PDPM IITDM Jabalpur in association with Sri Sankara Arts & Science College, (Autonomous)	Participated	03.01.2022 12.02.2022
14	National seminar on "Bioentrepreneurship and funding opportunities	Sri Sankara Arts & Science College, (Autonomous)	Organized	08.09.2017
15	National seminar on Frontiers in Life sciences"	Sri Sankara Arts & Science College,(Autonomous)	Organized	11.01.2012
16.	National level seminar on "Quality initiatives in making higher education learner centric	M.O.P Vaishnav College for women , Chennai	Participated	30.03.2012 - 31.03.2012.
17	National level seminar on "Role of college teachers in enhancing quality in higher education	University of Madras	Participated	24.08.2012

18	National level seminar cum workshop on Applications of green technologies for separation of bioproducts held at	Karpaga Vinayaga College of Engineering and Technology	Participated	22.07.2013-23.07.2013
19	International conference on Green energy and Green environment	Nadar Saraswathi College	Participated	21.01.2015
20	National seminar on emerging trends in Life Science	Soka Ikeda College, Chennai	Participated	27.01.2015
21	International Conference on “Recent Advances in Bioresource Technology – RABT2017”.	Thiruvalluvar University, Vellore	Participated	15.02.2017-17.02.2017

16. Participated as Resource Person:

S.No.	Program	Venue	Period
1	In-service training for secondary grade school teachers of Kanchipuram Dist.	Pachaiyappa's College for Men, Kanchipuram	30 th July 2015.
2	One day National seminar on Recent Trends in Genetic Engineering held at	S.K.S.S Arts College, Thiruppanandal	21 st February 2007.
3	National level symposium on Emerging areas of Bioinformatics held at	A.V.C. College (Autonomous), Mayiladuthurai,	2 nd and 3 rd March 2006.

17. Workshop & Training Programmes:

S.No.	Programme	Venue	Period
1	Workshop on advanced techniques in plant molecular biology	Bharathidasan University, Trichy	23 rd –28 th February 2004.
2	Workshop on Animal Alternatives	A.V.C.College (Autonomous), Mayiladuthurai,	15 th March 2005.
3	Workshop on Basic Molecular Techniques	Gene Tech, Salem	7 th to 16 th April 2003.
4	Training Program on Biotech and its Applications	MCRC Tharamani, Chennai	12 th to 22 nd May 2003
5	Training Program on Mushroom cultivation	ABC Agrobiocare, Dharmapuri	6 th to 10 th Feb 2011.

18. Projects Completed:

S.No.	Name of the Projects	Period	Grant Received/Status
1	TNSCST Student Project	2014	10,000/Completed
2	TNSCST Student Project	2017	10,000/Completed
3	TNSCST Student Project	2018	7500/Completed
4	TNSCST Student Project	2022	7500/Completed

19. Any other Details: -

Research Guidance

University of Madras approved Ph.D., Research Supervisor

Guideship Ref No: No:RP/Guideship/Ph.D./ Department of Biotechnology Approval/2021/1148

Research Guided : Ph.D., : 4 (Ongoing)

Co-Guide : Ph.D., : 1 (Ongoing)

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Google Scholar:<https://scholar.google.com/citations?user=Sh1ORAcAAAAJ&hl=en>

Vidwan ID: 318711 <https://vidwan.inflibnet.ac.in/profile/318711>